

Application Data Sheet

No.95

System Gas Chromatograph

Benzene in Hexane and 1-Hexene Analysis System Nexis GC-2030BZ GC-2014BZ

This instrument is designed for determining benzene in hexane and 1-hexene within the composition range shown in the specification sheet. A sample is directly injected by AOC-20i, and individually separated by a DB-1 column detected by FID. The system includes LabSolutions workstation software and BTU and Specific Gravity calculation software.

Analyzer Information

System Configuration:

One SPL / one capillary column with one FID detector

Sample Information:

Benzene

Concentration Range:

No.	Name of Compound	Concentration Range		Detector
		Low Conc.	High Conc.	
1	Benzene	1ppm	1000ppm	FID

Detection limits may vary depending on the sample. Please contact us for more consultation.

System Features

- 7 minutes analysis for benzene analysis can be carried out
- One FID channel
- Good repeatability

Typical Chromatograms

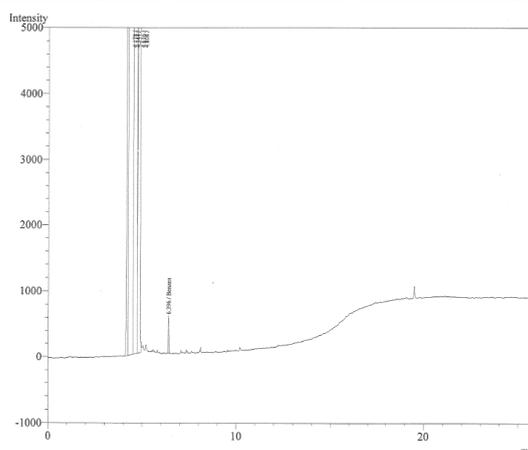


Fig. Chromatogram of FID

First Edition: November, 2017